AMENDMENTS TO THE CLAIMS

Please amend the claims as they currently stand so that they are in accord with the following listing of the claims:

1. (Currently Amended) A multi-polarized forward feed and dish configuration for transmitting and/or receiving radio frequency (RF) signals, said configuration comprising:

a conductive reflector dish having a focal point and a vertex point; and

a multi-polarized forward feed element ~~positioned~~ and a mounting mechanism for mounting of said feed element at a position substantially at said focal point, and wherein said feed element comprises at least two radiative members each having a first end and a second end, and wherein said second ends of said radiative members are electrically connected at an apex point and are each disposed outwardly away from said apex point toward said vertex point at an acute angle relative to an imaginary plane intersecting said apex point.

2. (Original) The feed element of claim 1 further comprising a conductive ground reference located at and/or to a side of said imaginary plane that is away from said apex point, and being electrically isolated from said radiative members.

3. (Original) The feed element of claim 2 wherein said conductive ground reference comprises as least one of a ground braid of a coaxial connection, a cylindrical sleeve, a conical sleeve, and a ground plane.

4. (Original) The feed element of claim 2 further comprising a dielectric material serving to mechanically connect, at least in part, said radiative members to said ground reference while electrically insulating said radiative members from said ground reference.

5. (Original) The feed element of claim 4 further comprising an electrical conductor electrically connected to said radiative members at said apex point and extending away from said apex point toward a ground reference side of said feed element

through said dielectric material to allow connection to a transmission line for interfacing said radiative members to a radio frequency transmitter and/or receiver.

6. (Original) The feed element of claim 2 further comprising an electrical connector to allow connection of said radiative members and said ground reference to a transmission line.

7. (Original) The feed element of claim 3 wherein said ground plane comprises a circular conductive ground plane having a radius of at least ¼ wavelength of a tuned radio frequency.

8. (Original) The feed element of claim 1 wherein each of said radiative members are substantially linear and have a physical length determined by a pre-defined radio frequency.

9. (Original) The feed element of claim 1 wherein said acute angle between each of said radiative members and said imaginary plane is between 1 degree and 89 degrees.

10. (Cancelled)

11. (Original) The feed element of claim 1 wherein said radiative members are equally spaced in angle circumferentially around 360 degrees.

12. (Original) The feed element of claim 2 further comprising a truncated pyramidal conductor that includes a closed truncated side, an open base side, and three closed trapezoidal sides, and wherein an open interior space of said truncated pyramidal conductor encompasses said radiative members such that said apex point is approximately at a center point of said closed truncated side and said radiative members are disposed outwardly away from said closed truncated side toward said open base side.

13. (Original) The feed element of claim 12 wherein said truncated pyramidal conductor is electrically connected to said ground reference and is electrically isolated from said radiative members.

14. (Original) The feed element of claim 12 wherein said closed truncated side is electrically connected to said ground reference and is electrically isolated from said radiative elements and from said closed trapezoidal sides.

15. (Original) The configuration of claim 1 wherein said conductive reflector dish comprises one of a parabolic dish, a parabolic dish with at least three distinct sectors, a partial parabolic dish, and a partial parabolic dish with at least three distinct sectors.

16. (Original) A multi-polarized forward feed for transmitting and/or receiving radio frequency (RF) signals to/from a reflector dish, said forward feed comprising:

at least two radiative members each having a first end and a second end, and wherein said second ends of said radiative members are electrically connected at an apex point and are each disposed outwardly away from said apex point at an acute angle relative to an imaginary plane intersecting said apex point; and

a truncated pyramidal conductor that includes a closed truncated side, an open base side, and three closed trapezoidal sides, and wherein an open interior space of said truncated pyramidal conductor encompasses said radiative members such that said apex point is approximately at a center point of said closed truncated side and said radiative members are disposed outwardly away from said closed truncated side toward said open base side.

17. (Original) The forward feed of claim 16 wherein said truncated pyramidal conductor serves as a ground reference and is electrically isolated from said radiative members.

18. (Original) The forward feed of claim 16 wherein said closed truncated side serves as a ground reference and is electrically isolated from said radiative members and from said closed trapezoidal sides.

19. (Original) The forward feed of claim 17 further comprising an electrical connector to allow connection of said radiative members and said truncated pyramidal conductor to a transmission line.

20. (Original) The forward feed of claim 18 further comprising an electrical connector to allow connection of said radiative members and said closed truncated side to a transmission line.

21. (Original) The forward feed of claim 16 wherein each of said radiative members are substantially linear and have a physical length determined by a pre-defined radio frequency.

22. (Original) The forward feed of claim 16 wherein said acute angle between each of said radiative members and said imaginary plane is between 1 degree and 89 degrees.

23. (Original) The forward feed of claim 16 wherein said radiative members are equally spaced in angle circumferentially around 360 degrees.

24.-32. (Cancelled)